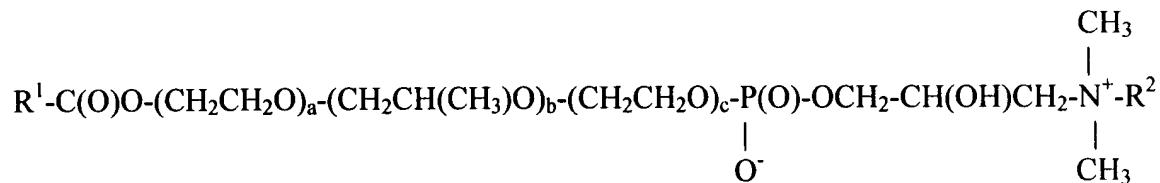


## Claims

1. An ester phosphobetaine conforming to the following structure;



wherein;

$R^1$  is alkyl or alkylene having between 7 and 21 carbon atoms;

a, b and c are each independently integers ranging from 0 to 20, with the proviso that

$a + b + c$  be equal to or greater than 1;

$R^2$  is selected from the group consisting of;

alkyl having 7 to 21 carbon atoms

and



$R^3$  is alkyl having 7 to 21 carbon atoms.

2. An ester phosphobetaine of claim 1 wherein  $R^2$  alkyl having 7 to 21 carbon atoms.
3. An ester phosphobetaine of claim 1 wherein  $R^2$  is  $R^3\text{-C(O)-N(H)-(CH}_2\text{)}_3\text{-}$ .
4. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_7\text{ H}_{17}$ .
5. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_9\text{ H}_{19}$ .
6. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{11}\text{ H}_{23}$ .
7. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{13}\text{ H}_{27}$ .
8. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{15}\text{ H}_{31}$ .
9. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{17}\text{ H}_{35}$ .
10. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{19}\text{ H}_{39}$ .
11. An ester phosphobetaine of claim 2 wherein  $R^1$  is  $C_{21}\text{ H}_{43}$ .
12. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_7\text{ H}_{17}$ .
13. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_9\text{ H}_{19}$ .
14. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{11}\text{ H}_{23}$ .
15. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{13}\text{ H}_{27}$ .
16. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{15}\text{ H}_{31}$ .
17. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{17}\text{ H}_{35}$ .
18. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{19}\text{ H}_{39}$ .
19. An ester phosphobetaine of claim 3 wherein  $R^1$  is  $C_{21}\text{ H}_{43}$ .